

SEQ ID NO:1

I/L-I/L/P-pT-P-<KR>₄

SEQ ID NO:2

S/T-P-X-K/R

SEQ ID NO:3

Sc Skp 1

mvtsnvvlvvs gegerftvdk kiaerslllk nylndmhdsn lqnnsdsesd sdsetnhksk
 dnnngdddde dddeivmpvp nvrssvlqkv iewaehhrds nfpdedddds rksapvdsd
 reflkvdqem lyeiilaany lnikplldag ckvvaemirg rspeeirrtf nivndftpee
 eaairrenew aedr

SEQ ID NO:4

Sp Pahl

mskiklissd neefvvdqli aersmliknm ledvgeinvp iplpnvssnv lrvlewceh
 hkndlysgte eesdirlkks tddidewdrkf mavdqemlfe ivlasnyldi kplldtgckt
 vanmirgksp edirktfnip ndftpeeeeq irkenewaed r

SEQ ID NO:5

Ce SKR1

akereikissdneiflvprnvirlsntintllmdlglddeegtnaepipvqnvtsi lkkviswcnhhhsd
 pistedsdnrekrtddigswdveflkvdqgtlfeliaany
 ldikglldvtcktvanmikgkspeeirrtfnikndftpeeeeqirkenawced

SEQ ID NO:6

Dm Skp1A

mpsiklqssd eeifdtidiqi akcsgtiktm ledcgmedde naivplpnvn stilrkvlw
 ahyhkddppp teddeskekr tddiiswdad flkvdqgtlf elilaanyld ikglleltck
 tvanmikgkt peeirktfni kkdfspaeer qvrkenewce ek

SEQ ID NO:7

Hs Skp1A

mpsiklqssd geifevdvei akqsvtiktm ledlgmddeg dddpvplpnv naailkkviq
 wcthhkddpp ppeddenkek rtddipvwdq eflkvdqgtl felilaanyl dikglldvte
 ktvanmikgk tpeeirktfn ikndfteeee aqvrkenqwc eek

SEQ ID NO:8

Sc Cdc4

l krdlitslpf eislkifnyl qfediinslg
 vsqnwnkiir kstslwkkll isenfvs pkg fnslnklslq kypklsqqdr lrlsflenif
 ilknwynpkf vpqrttlrgh mtsvitclqf ednyvitgad dkmirvydsi nkkfllqlsg
 hdggvwalky ahggilvsgs tdrtvrvwdi kkgccthvfk ghnstvrcld iveyknikiyi
 vtgsrdntlh vwklpkessv pdhgeehdyp lvfhtpeenp yfvgvlrghm asvrtvsghg
 nivvsgsydn tliwvdvaqm kolyilsght driystiydh erkrcisasm dttiriwdle
 niwnngecsy atnsaspcak ilgamytlqg htalvgllrl sdkflvsaaa dgsirgwdan
 dysrkfsyhh tnlsaittfy vsdnilvsgs enqfniynlr sgklvhanil kdadqiwsvn
 fkgktlvaav ekdggsflel ldfs

SEQ ID NO:9

Sp Pop1

fqknf
 ltgfpaeitn lvlthldaps lcavsqvshh wyklyssnee lwkslflkdg ffwdsidski
 rtmcleqsls acaimkrvyf rhfnlrerwl hapekikrcs fpihgvrilit klqfdddki
 vstcsprini ydtktgvlir sleehegdvw tfeyvgdtlv tgstdrtvrv wdlrtgeckq
 vfyghtstir cikivqgnqs ttdtdveke nrpasndans mppyiissr dctirlwslp
 clddppfvnv nenpdqnnf tsattnpfyi rtlrghtdsv revaclgdli vsasydgtlr
 vwkastgvcl hvlrghvgrv ysvtinpsrq qcisagtdak iriwnlesge llqtlhghsn
 lvsqvtfnqn ilvsasappd tslrvwdlnt gscrdilkcp lghiffqhde skvvsgshst
 lqlwdirsgk lvrldlldld iiwqvaynen vcvaavlrnn rfwievlefg

SEQ ID NO:10

Ce SEL10

fq
 rdflsclpve lgmkilhnlt gydllkvaqv sknwklisei dkiwkslgve efkhhpdptd
 rvtgawqgta iaagvtipdh iqpcdlnvhr flklqkfgdi feraadksry lradkieknw
 nanpingsav lrghedhvit cmqihddvlv tgsddntlkv wcidkgevmy tlvghtggvw
 tsqisqcgrv ivsgstdrtv kvwstvdgsl lhtlqghtst vrcmamagsi lvtgsrdttl
 rvwdvesgrh latlhghhaa vrcvqfdgtt vvsagydfv kiwnahtgrc irtltghnrr
 vysllfesser sivcsgsldt sirvwdfrp egqecvallq ghtsltsgmq lrgnilvscn
 adshvrwvdi hegtcvhmls ghraitslq wfgrnmvats sddgtvklwd iergalirdl
 vtldsgngg ciwrlcstst mlacavgsrn nteetkvill dfd

SEQ ID NO:11

Dm AGO

fqrdfisllprela

lfvlsylepk dllraaqter swrflcddnl lwkekerkaq ilaeprsdrrp krgrdgnmpp
 iaspwkaaym rqihiemnwr srpvrkpkvl kghddhvitc lqfsgnrivs gsddntlkvw
 savngkclrt lvghtggvws sqmsgniiis gstdrtlkvw dmdsgacvht lqghtstvr
 mhlhgskvvs gsrdatlrwv dieqgsclhv lvghlaavrc vqydgklivs gaydymvkiw
 hperqecclht lqghtnrivs lqfdglhvvs gsldtsirvw dvetgnckht lmghqslts
 melrqnilvs gnatstvkvw dttgqclqt lsgpnkhhsa vtclqfnsrf vvtssddgtv
 klwdvktgdf irnlvaldsg gsggvvwrir andtklicav gsrngteetk lmvldfd

SEQ ID NO:12

Hs Fbw7

fqrdfisllpkelal yvlsflepkd llqaaqtcry wrilaednll

wrekckeegi deplhikrrk vikpgfihsp wksayirqhr idtnwrrgel kspkvlkghd
 dhvitclqfc gnrivsgsdd ntlkvwsavt gkclrtlvgh tggvwssqmr dniiisgstd
 rtlkvwnaet gecihtlygh tstvrnmhlh ekrvsvgsrd atlrwvdiat gqclhvlmgh
 vaavrcvqyd grrvsvgayd fmvkvwdpet etclhtlqgh tnrvyslqfd gihvsvgsld
 tsirvwdvet gncihtltgh qsltsgmek dniltvsgnad stvkiwdikt gqclqtlqgp
 nkhqsavtcl qfnknfvits sddgtvklwd lktgefirnl vtlesggsgg vvwrrasnt
 klvcavgsrn gteetkllvl dfd

SEQ ID NO:13

Ce Lin23

lq rdfisnlpah lvelilfnvn sdsksceev stswrcalar

gqhwkkliek nvrdsdlwvg lsekrqwdkf lnisrdmsvr ricekfnydv nikrdkldql
 ilmhfvyfyskl ypkiiirdih idnnwkrgny kmtrincqse nskgvyclqy dddkivsglr
 dntikiwdrk dyscsrlisg htgsvlclqy dnrviisgss datvrwvde tgeciktlih
 hceavhlhrlf angimvtcsk drsiavwdmv sprditirrv lvghraavnv vdfddryivs
 asgdrtikvw smdtlefvt laghrriac lqyrgrlvvs gssdntirlw dihsqvcrlv
 legheelvrc irfdekrivs gaydgkikvw dlqaaldpra lsseiclscl vqhtgrvfrl
 qfddfqivss shddtiliwd fl

SEQ ID NO:14

Dm Slimb

lqrdfitllpikgldhi aenilsylda eslkssselvc

kewlrviseg mlwkklierk vrttdslwrgl aerrnwmqyl fkprpgqtqr phsfhrelfp
 kimndidsie nnwrtgrhml rrincrsens kgvyclqydd gkivsglrdn tikiwdrtld
 qcvktlmght gsvlclqydd kviisgssds tvrvwdvntg emvntlihhe eavhlhrlfnn
 gmmvvtcskdr siavwdmtsp seiltlrrvlv ghraavnvvd fdekyivsas gdrtikvwst
 sscefvrtnl ghkrgiacq yrdrilvsvgs sdnsirlwldi ecgaclrvle gheelvrcir 421
 fdtkrivsga ydgkikvwdl vaaldpraas ntlclntlve htgrvfrlqf defqivsssh 481
 ddtiliwdfl

SEQ ID NO:15

Hs β TrCP1

lqrdf

italpargld hiaenilsyl daksllcaael vckewyrvts dgmlwkklie rmvrtdslwr
 glaerrgwqg ylfknkppdg nappnsfyra lypkiiqdie tiesnwrgr hslqrihcrs
 etskgvyclq yddqkivsgl rdntikiwdk ntleckrilt ghtgsvlclq yderviitgs
 sdstvrwv dv ntgemlntli hhceavlhlr fnngmmvtcs kdrsiavwdm asptditlrr
 vlvghraavn vvdffdkyiv sasgdrtikv wntstcefvr tlnghkrgia clqyrdrllv
 sgssdntirl wdiecgaclr vlegheelvr cirfdnkriiv sgaydgkikv wdlvaaldpr
 apagtlclrt lvehsgrvfr lqfdefqivs sshddtiliwdfl

SEQ ID NO:16

Sc Met 30

ik

idfisilpge lslkilsyld cqslcnatr crkwqkladd drvwyhmceq hidrkcpncg
 wglplllhmkr ariqqnstgs ssnadiqtqt trpwkviyre rfkvesnwrk ghcriqefkg
 hmdgvlrtlqf nyrllyftgsy dstigiwdlf tgklirrlsg hsdgvktlyf ddrklitgsl
 dktirvwnyi tgecistyrh hsdsvlsvds yqkvivsgsa dktvkvwhe srtcytlrgh
 tewvncvklh pksfscfscs ddtfirmwdi rtncslkvfr ghvgqvqkii pltikdvenl
 atdntsdgss pqddptmtdg adesdtpsne qetvldenip ypthllscgl dntiklwdvk
 tgkcirtqfg hvegvdiaa dnfriisgsh dgsikvwdlq sgkcmhtfng rrlqretqht
 qtqslgdkva piacvcigds ecfsgdefgc vkmykfd

SEQ ID NO:17

P39014 MT30_YEAST

mrrerqrmms fedkdkddld nsnsnnssem tdtammpplk rllitgssdd laqgssgkkk
 mtmatrspss spdlatndsg trvqplpeyn ftkfcyrhnp diqfspthta cykqdlkrtq
 einaniaklp lqeqsdihhi iskysnsndk irklildgil stscfpqlsy isslvthmik
 idfisilpge lslkilsyld cqslcnatr crkwqkladd drvwyhmceq hidrkcpncg
 wglplllhmkr ariqqnstgs ssnadiqtqt trpwkviyre rfkvesnwrk ghcriqefkg
 hmdgvlrtlqf nyrllyftgsy dstigiwdlf tgklirrlsg hsdgvktlyf ddrklitgsl
 dktirvwnyi tgecistyrh hsdsvlsvds yqkvivsgsa dktvkvwhe srtcytlrgh
 tewvncvklh pksfscfscs ddtfirmwdi rtncslkvfr ghvgqvqkii pltikdvenl
 atdntsdgss pqddptmtdg adesdtpsne qetvldenip ypthllscgl dntiklwdvk
 tgkcirtqfg hvegvdiaa dnfriisgsh dgsikvwdlq sgkcmhtfng rrlqretqht
 qtqslgdkva piacvcigds ecfsgdefgc vkmykfdlnd

SEQ ID NO:18

NP_033901 β TRCP

mdpaeavlqe kalkfmnsse redcnnggepp rkiipekns1 rqtynscarl cinqetvclt
 stamktencv akaklangts smivpkqrkl sasyekekel cvkyfeqwse sdqvefvehl
 isqmchyqhg hinsylkpml qrdfitalpa rgldhiaeni lsyldakslc aaelvckewy
 rvtsgdmlwk kliermvrt d slwrglaerr gwgyylfknk pppenappns fyralypkii
 qdietiesnw rcgrhslqri hcrsetskgv yclqyddqki vsgrldntik iwdkstleck
 riltghtgsv lclqydervi itgssdstvr vwdvnageml ntlihhceav hlhrfnngmm
 vtcskdrsia vwdmasptdi tlrrvlvghr aavnvvdffd kyivsasgdr tikvwntstc

efvrtlnghk rgiaciqyrd rlvvsgssdn tirlwdiecg aclrvleghe elvrcirfdn
 krivsgaydg kikvwdlmaa ldprapagtl clrtlvahsg rvfrlqfdef qivssshddt
 iliwdflndp aahaepprsp srtytyisr

SEQ ID NO:19

X²-X³-pThr-Pro-X⁴

SEQ ID NO:20

X²-X³-pThr-Pro-X⁴-X⁵-X⁶-X⁷

SEQ ID NO:21

-Leu/Gly/Tyr-Pro-pThr-Pro-

SEQ ID NO:22

S56245 (*Saccharomyces cerevisiae* cdc4)

mgsfplaefp lrdipvpysy rvsggiassg svtalvtaag thrnsstakt vetedgeedi
 deyqrkraag sgestpersd fkrvkhdnhk tlhpvnlgnt gaasvdndgl hnltidisnda
 eklmsvddg saapstlsvn mgvashnvaa pttvnaatit gsdvsnnvns atinnpmeeg
 alplsptass pgtttpltakt tktinnnnni adlieskdsi ispeylsdei fsainnnlph
 ayfknllfrl vanmdrsels dlgtlikdnl krdlitslpf eislkifnyl qfediinslg
 vsqnwnkiir kstslwkkll isenfvs pkg fnslnklslq kypklsqqdr lrlsflenif
 ilknwynpkf vpqrrttlrgh mtsvitclqf ednyvitgad dkmirvydsi nkkfllqlsg
 hdggvwalky ahggilvsgs tdrtrvrwdi kkgccthvfk ghnstvrcl d iveykniky
 vtgsrdntlh vwklpkessv pdhgeehdyp lvfhtpeenp yfvgvlrghm asvrtvsggh
 nivvsgsydn tlivwdvaqm kclyilsght driystiydh erkrcisasm dttiriwdle
 niwnngecsy atnsaspcak ilgamytlqg htalvgllrl sdkflvsaaa dgsirgwdan
 dysrkfsyhh tnlsaittfy vsdnilvsgs enqfniynlr sgklvhanil kdadqiwsvn
 fkgktlvaav ekdggsflel ldfskaskin yvsnpvnss sslesistsl gltrttiip

SEQ ID NO:23

CAA65538 (*Candida albicans* cdc4)

mpscddtass dtcdqsqvss tahlhsyrsn glveppskrr ltttnetsls sagattfqie
 spgsisaitt nnsttsagds nnsnsfsdqh srhprtpnam nspthtpisd ieedpiqqpl
 lpspsaspiq sdenehvtt pdsllgkanl dsienvmsne pttqselvdl vtklsgflse
 anqnhlvfkl lqkttrptls tfnnlinns krdilsnvpf evtmkilsyl dyktllsvaq
 vckkwfdiin npdtwikllk rdklitddav ikyelqypdq llrewstlpe insaqvlykk
 rkiivnrwmd pkfkphrisv sghgnkvvtc lqhddkvvt gvddkcisiy stqgqlmkv
 legheggvwa lkytgntltv gstdrtvrw nmktggqcthi frghtstirc ldiihpavig
 knqgdiediv peypllitgs rdhnhvwkl pvvddsqdyi etfegefdnp yliavlsght
 qsvrsisgyg niiisgsyds tvrvwdlld ghcthlvlggh ldrvystaid fhsktcfsgs
 mdsninvnwf etgelkkvlv ghaslvglld lvddvlvsaa adatlriwda ktgelrsklk
 ghgaaitcfe hdglrvvsgs ekmlklwnve kgtfardlls dvtggiwqvr fdykrcvaav
 qriinedege tfieildfsq pllq

SEQ ID NO:24

AAL07271 (human cdc4)

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mnqellsvgs krrrtggslr gnpsssqvde eqmnrsvvee qqqqlrqgee ehtarngevv
gveprpggqn dsqqgqleen nrrfisvded ssgnqeegee deehageqde edeeeeemdq
esddfdqsdd ssredehtht nsvtnssssiv dlpvhlqssp fytkttkmkr kldhgsevrs
fslgkpkckv seytsttglv pcsatpttfg dlraangggq qrrritsvqp ptglqewlkm
fqswsgpek1 laldelidsc eptqvkhmmq viepqfqrdf isllpkelal yvlsflepkd
llqaaqtcry wrilaednll wrekcceegi deplhikrrk vikpgfihsp wksayirqhr
idtnwrrgel kspkvlgkhd dhvitclqfc gnrvsvgsdd ntlkvwsavt gkclrtlvgg
tggvwssqmr dniiisgstd rtlkvwnaet gecihtlygh tstvrcmhlh ekrvsvgsrd
atlrwvdiat ggclhvlmgg vaavrcvqyd grrvsvgayd fmvkvwdpet etclhtlqgh
tnrvyslqfd gihvvsgsld tsirvwdvet gncihtltgh qsltsgmelk dniltvsgnad
stvkiwdikt ggclqtlqgp nkhqsavtcl qfnknfvits sddgtvklwd lktgefirnl
vtlesggsgg vvwrrasnt klvcavgsrn gteetkllvl dfdvdmk

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SEQ ID NO:25

AAC47809 (sel-10)

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mwprndvhmd dgsmtpedge pvtndndmeyn dngessysn gssssynadk lsssrplqhk
ldlsaspsrn ndlnprvehl ialfkdlssa eqmdaftrll qesnmtnirq lraiiaphfq
rdflscplve lgmkilhnlt gydllkvaqv sknwklisei dkiwkslgve efkhhpdptd
rvtgawqgta iaagvtipdh iqpcdlnvhr flklqkfgdi feraadksry lradkieknw
nanpimsav lrghedhvit cmqihddvllv tgsddntlkv wcidkgevmy tlvghtggvw
tsqisqcgrv ivsgstdrtv kvwstvdgsl lhtlqghtst vrcmamagsi lvtgsrdttl
rvwdvesgrh latlhghhaa vrcvqfdgtt vvsyydftv kiwnahtgrc irtltghnrr
vysllfesor sivcsgsldt sirvwdfrp egqecvallq ghtsltsgmq lrgnilvscn
adshvrwvdi hegtcvhmls ghraitslq wfgnmvats sddgtvklwd iergalirdl
vtldsgngg ciwrlcstst mlacavgsrn nteetkvill dfdavyp

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SEQ ID NO:26

AAK57547 (*Homo sapiens* F-box protein FBW7)

```

mcvprsglil sciclycgvl lpvllpnlpf ltclsmstle svtylpekgl ycqrlpsrtr
hggteslkkg ntenmgfygt lkmifykmkr kldhgsevrs fslgkpkckv seytsttglv
pcsatpttfg dlraangggq qrrritsvqp ptglqewlkm fqswsgpek1 laldelidsc
eptqvkhmmq viepqfqrdf isllpkelal yvlsflepkd llqaaqtcry wrilaednll
wrekcceegi deplhikrrk vikpgfihsp wksayirqhr idtnwrrgel kspkvlgkhd
dhvitclqfc gnrvsvgsdd ntlkvwsavt gkclrtlvgg tggvwssqmr dniiisgstd
rtlkvwnaet gecihtlygh tstvrcmhlh ekrvsvgsrd atlrwvdiat ggclhvlmgg
vaavrcvqyd grrvsvgayd fmvkvwdpet etclhtlqgh tnrvyslqfd gihvvsgsld
tsirvwdvet gncihtltgh qsltsgmelk dniltvsgnad stvkiwdikt ggclqtlqgp
nkhqsavtcl qfnknfvits sddgtvklwd lktgefirnl vtlesggsgg vvwrrasnt
klvcavgsrn gteetkllvl dfdvdmk

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SEQ ID NO:27

AAG09623F (*Homo sapiens* F box protein FBX30)

```

mavgninelp enillelfth vparqllnc rlvcslwrdl idlvtlwkrk clregfited
wdqpavadki fyflrslhrn llhnpcaeeg fefwsldvng gdewkvedls rdqrkefpnd
qvrsqarlrv qvpavrsapv vvarasgdlp arpgdhpaee rcqveggplh ilqlparrpl

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hlvsarrgrh sllgrlvrpe ghqqqhhhra paaltpppep saep

SEQ ID NO:28

AAB38821 (*Saccharomyces cerevisiae* cdc53)

msetlprsd d leatwnfiep ginqilgnek ngastskrvy kilsptmyme vytaiynycv
nksrsshgfs tdsrtggsti lvgseyekl knylknyiln fkqsnsetfl qfyvkrwkrf
tigaiflnha fdymnrywvq kersdgrhi fdvntlclmt wkevmdpsk dvlinellldg
vtlgregqii qrsnistaik slvalgidpq dlkklnlvny iqvfekpflk ktqeyytqyt
ndylekhsvt eyifeaheii kreekamtiy wddhtkkpls malnkvlitd hieklenefv
vlllardiek itslyalirr dftliprmas vfenyvkktg eneissllam hkhnmknkn
anpkklalmt ahsllspkdyi klllevhdif skifnesfpd diplakaldn acgafinine
falpagspks atsktsem la kysdillkka tkpevasdms dediitify ltkdafeth
yrrlfakrli hgttsaede eniiqrlqaa nsmevtgkit kmfqdirlsk ileddfavai
knepdyskak ypdllqpfv la enmwpfsyqe vefklpkelv psheklkesy sqkhngrikl
wlwplcrgel kadigkpgrm pfnftvtlfq mailllynda dvltleniqe gtsltiqhia
aamvpfikfk liqqvppgld alvketqfk lsrypkalkt ninfasgvkn dilqslsggg
hdnhgnklgn krltederie kelnterqif leacivrimk akrnlphttl vneciaqshq
rfnakvsmvk raidsliqkg yllrgddges yayla

SEQ ID NO:29

AAC36304 (*Homo sapiens* cullin 3)

msnlsgktgs rkdtkmrira fpmtmdekyv nsiwdllkna iqeiqrknns glsfeelyrn
aytmvlhkhg eklytglrev vtehlknvr edvlnslnn flqtlngawn dhqtamvmir
dilmymdrvy vqqnnvenvy nlgliifrdq vvrygcirdh lrqtlldmia rerkgvdr
gairnacqml milglegrsv yeedfeapfl emsaefqme sqkflaensa svyikkvear
ineeiervmh cldksteepi kvverelis khmktiveme nsghvhlkn gktedlgcm
klfsrvpngl ktmcecmssy lreaggkalvs eegegknpvd yiqglldlks rfdrrllesf
nndrlfkqti agdfeyflnl nsrspeylsl fiddklkkgv kgltegevet ildkamvlfr
fmqekdvfer yyqqlharrl ltnksvdds eknmisklkt ecgcqftskl egmfrdmsis
nttmdefrqh lqatgvsllg vdltrvltt gywptqsatp kcnippapr hafeifrrfyl
akhsgrqltl qhhmgsadln atfygpvkke dgsevgvga qvtgsntrkh ilqvstfqmt
ilmlfnnrek ytfieiqqet diperelvra lqslacgkpt qrvltkepk keienghft
vndqftsklh rvkiqtvaak qgesdperke trqkvddrk heieaaivri mksrkkmqhn
vlvaevtqql karflpspvv ikkrieglre reylartped rkvytyva

SEQ ID NO:30

AAC51190 (*Homo sapiens* cullin 2)

mslkprvvd detwnklltt ikavvmleyv eratwndrfs diyalcvayp eplgerlyte
tkiflenhvr hlhkrvlese eqvlvmhry weeyskgady mdclrylst qfikknklte
adlqgyggv dmneplmeig elalmdwrkl mveplqaili rmlreiknd rggedpnqkv
ihgvinsfvh veqykkkfpl kfyqeifesp fltetgeyyk qeasnlles ncsqymekvl
grlkdeeiirc rkylhpssyt kvihecqgrm vadhlqflha echniirgek kndmanmyvl
lrvstglph miqelqnhih deglratsnl tqenmptlfv esvlevhgkf vqlintvlnq
dqhfmsaldk altsvvnyre pksvckapel lakycdnllk ksakgmtene vedrltsfit
vfkyiddkdv fqkfyarmla krlihglsms mdseeamink lkqacgyeft sklhrmytdm
svsadalnnkf nnfiknqdtv idlgisfqiyl vlqagawplt qapsstfaip qeleksvqmf
elfysqhfsq rkltlwhylc tgevkmmnylg kpyvamvtt yqmaavllafnn setvsvkelq

dstqmnkel tktikslldv kminhdseke didaessfsl nmnfsskrtk fkittsmqkd
 tpqemeqtrs avdedrkmyl qaaivrimka rkvlrhнали qevisqsrar fnpsismikk
 cievlidkqy iersqasade ysyva

SEQ ID NO.31

NP_003581 (Homo sapiens cullin 3)

msnlskgtgs rkdtkmrira fpmtmdekyv nsiwdllkna iqeigrknns glsfeelyrn
 aytmvllhkhg eklytglrev vtehlkvr edvlnslnnn flqtlngawn dhqtamvmir
 dilmymdrvy vqqnnvenvy nlgliifrdq vvrygcirdh lrqtlldmia rerkgdevdr
 gairnacqml milglegrsv yeedfeapfl emsaeffqme sqkflaensa svyikkvear
 ineeiervmh cldksteepi kvvverelis khmktiveme nsghvhmlkn gktedlgcm
 klfsrvpngl ktmcecmssy lreaggkalvs eegegknpvd yiqglldlks rfdrlflesf
 nndrlfkqti agdfeyflnl nsrspeylsl fiddklkkgv kglteqevet ildkamvlfr
 fmgekdvfer yykqhlarrl ltnksvsdds eknmisklkt ecgcqftskl egmfrdmsis
 nttmdefrqh lqatgvsllg vdltrvrltt gywptqsatp knippaprh afeifrrfyl
 akhsgrqltl qhhmgsadln atfygvpvke dgsevgvgga qvtgsntrkh ilqvstfqmt
 ilmlfnnrek ytfeeiqget diperelvro lqslacgkpt qrvltkepks keienghft
 vndqftsklh rvkiqtvaak qgesdperke trqkvddrk heieaaivri mksrkkmqhn
 vlvaevtqql karflpspvv ikkrieglre reylartped rkvytyva

SEQ ID NO:32

AAD23581/AF126404_1 (Homo sapiens cullin 2)

mslkprvvd detwnklitt ikavvmleyv eratwndrfs diyalcvayp eplgerlyte
 tkiflenhvr hlhkrvlese eqvlvmyhry weeyskgady mdclryrlnt qfikknkte
 adlqygyggv dmneplmeig elalmdwrkl mveplqaili rmlleiknd rggedpnqkv
 ihgvinsfvh veqykfkfpl kfyqeifesp fltetgeyyk qeasnlles ncsqymekvl
 grlkdeeirc rkylhpssyt kvihecqrm vadhlqflha echniirrek kndmanmyvl
 lravstglph migelqnhih deglratsnl tgenmptlfv esvlevhgkf vqlintvng
 dqhfmsaldk altsvvnyre pksvckapel lakycdnllk ksakgmtene vedrltsfit
 vfkyliddkv fqkfyarmia krlihglsms mdseeamink lkqacgyeft sklhrmytdm
 svsadlnnkf nnfiknqdtv idlgisfqiyl vlqagawplt qapsstfaip qeleksvqmf
 elfysqhfsg rkltwlhlyc tgevkmylge kpyvamvtt yqavllafnn setvsykelq
 dstqmnkel tktikslldv kminhdseke didaessfsl nmnfsskrtk fkittsmqkd
 tpqemeqtrs avdedrkmyl qaaivrimka rkvlrhнали qevisqsrar fnpsismikk
 cievlidkqy iersqasade ysyva

SEQ ID NO. 33

CUL1_CAEEL (Caenorhabditis elegans cullin 1)

CDSEVVWKKL QDGLDVAYRR ENMAPKDYMT LYTSVYDYCT SITLSTSRD
 GEDGRAESST PARTAGADFV GHEMYQVEE YVKAYVIAVC EKGAEISGED
 LLKYTTTEWE NFRISSEKVM GIFYALNRHW IRRELDEGHE NIYMVYTLAL
 VVWKRNLFND LKDKVIDAML ELIRSEGTGS MINSRYISGV VECLVELGVD
 DSETDAKKDA ETKKLAVYKE FFEVKFLEAT RGFYTQEAAN FLSNGGNVTD
 YMIKVETRLN QEDDRCQLYL NSSTKTPLAT CCESVLISNQ LDFLQRHFGG
 LLVDKRDDL SRMFKLCDRV PNGLDELRS LENHIAKEGH QALERVAMEA
 ATDAKLYVKT LLEVHERYQS LVNRSFKNEP GFMQSLDKAA TSFINNNAVT
 KRAPPQAQLT KSAELLARYC DQLLRKSSKM PDEAELEELQ TKIMVVFYI
 DDKDVFSKFY TKMFSKRLIS ELSASDEAEA NFITKLKSMC GYEYARLSK
 MVNDTQVSKD LTADFKEKKA DMLGQKSVEF NVLVLSSGSW PTFPTTPITL

PQQLSKTIEI FGQFYNEKFN GRRLTWVYSQ SRGEITSTAF PKKYVFTATT
 AQMCTMLLFN EQDSYTVEQI AAATKMDEKS APAIVGSLIK NLVLKADTEL
 QKEDEVPMTA TVSLNKAYMN KKVVRVDSLKF TMKQDAVRDT ENVQKNVEED
 RKSVISACIV RIMKTRKRVQ HQQLMTEVIT QLSGRFKPKV EMIKRCIGSL
 IEKEYMLRTE GQKDLYEYLA

SEQ ID NO. 34

AAA85085 (*Drosophila melanogaster* cullin 1)

mnrsgnsqtt qklvnlddiw selvegimqv feheksltrs qymrfythyv dyctsvsaap
 sgrssgktgg aqlvgkklyd rleqflksyl selltkfkai sgeevllsry tkqwkxyqfs
 stvldgicny lnrnwvkrec eegqkgyki yrlalvawkg hlfqvlnepv tkavlksiee
 erqgklinrs lvrdiviecyv elsfneedtd aeqqklsvyk qnfenkfiad tsafyekesd
 aflstntvte ylkhvenrle eetqrrgfns knxlsylhet tadvlkstce evliekhki
 fhtefqnlfn adrnddlkrm yslvalsskn ltdlksilen hilhgqteai akccttdaan
 dpktyvqtil dvhkkynalv ltafnndngf vaaldkacgk finsnvtia nsaskspell
 akycdlillk ssknpedkel ednlngvmv fkyiedkdvf qkyyskmlak rlvnhtsas
 daeamiskl kqtcgyeytv klqrmfkdig vskdlnsyfk qylaeknlm eidfgievl
 sgswpfqlsn nllpseler svrqfnefy arhsgkrlnw lyqmckgeli mnvnrrnsst
 ytlqastfqm svllqfndql sftvqqlqdn tqtqgenliq vlqillkakv ltssdnensl
 tpestvelfl dyknkrrin inqplktelk veqetvhkhi eedrklkiga aivrimkmrk
 rlnhtnlise vlnqlstrfk pkvpvikcci diliekeyle rmeghkdtys yla

SEQ ID NO. 35

Q10452 SKP1_SCHPO (*Schizosaccharomyces pombe*)

mnhgkipvd pfriiketar dgstgevkql sytsskvvg gsfgvvmqvh liesdskaai
 krvlqdkrfk nrelqimrim khpnivdlia yyyttgdnsd evylnlvlef mpetiyasr
 lytrqklsmpl mlevklyiyq llrslayiha sgichrdikp qnllldpeng ilklcdfgsa
 kilvagepvn syicsryyra pelifgatdy thaidiwtg cvmaelmlgh plfpgesgid
 qlveiikilg tpsreqiktm npnymehrfr qirpqpplsr fsrsvpldal dlslkmlqyt
 ptdrltaaea mchpffdelr dpntklhnsr npdasprhlp elfnfspfel sirpdlngkl
 ipshardalp vklddfvpip ihrarid

SEQ ID NO. 36

BAB62325 (*Schizosaccharomyces pombe*)

mskiklisss neefvvdqli aersmliknm ledvgeinv iplpnvssnv lrvlewceh
 hkndlysgte eesdirlkks tddidewdrkf mavdqemlfe ivlasnyldi kplldtgckt
 vanmirgksp edirktfnip ndftpeeeeq irkenewaed r

SEQ ID NO. 37

AAC49492 (*Saccharomyces cerevisiae*)

mvtsnvvlv gegerftvdk kiaersllk nylnmdhdsn lqnsdsdsd sdsetnhksk
 dnnngddde dddeivmpvp nvrssvlqkv iewaehhrs nfpdeddds rksapvdsd
 reflkvqgem lyeiilaany lnikplldag ckvvaemirg rspeeirrtf nivndftpee
 eaairrenew aedr

SEQ ID NO. 38

AAB17500 (*Saccharomyces cerevisiae*)

mvtsnvvlvvs gegerftvdk kiaerslllk nylndmhdsn lqnnsdsesd sdsetnhksk
dnnngdddde dddeivmpvp nvrssvlqkv iewaehhrds nfpdedddds rksapvdsd
reflkvdqem lyeiilaany lnikplldag ckvvaemirg rspeeirrtf nivndftpee
eaairrenew aedr

SEQ ID NO. 39

GGCGAACTG

SEQ ID NO. 40

GlyLeuLeupThrProProGlnSerGly

SEQ ID NO. 41

Leu-pThr-Pro-Pro

SEQ ID NO. 42

DpSGXXpS

SEQ ID NO. 43

Phe-Leu-Pro-pThr-Pro-Val-Leu-Glu-Asp